

Study Code Book (All missing values were changed to blanks in the data)

Variable Name	Data Values
ID	anonymous ID assigned to subject identification number (www.random.org)
Experiment	1=Study 1 Board Book Control. 2=Study 2 Static Book Control. 3=Study 3 Animated Book Control.
Sex	Sex of child 1=Male 2=Female
Age	Age in years
Age_InMonths	Age in months
Order	Condition/Book Order 1=Cat's Pajamas Experimental First, Zoom City Control Second. 2=Cat's Pajamas Control First, Zoom City Experimental Second. 3=Zoom City Experimental First, Cat's Pajamas Control Second. 4=Zoom City Control First, Cat's Pajamas Experimental Second.
Comp_E_Total	Comprehension Score in Experimental Contingent Condition (0-14)
Comp_E_Percent	Comprehension Score in Experimental Condition as Percent ($x/14*100$) %
Comp_C_Total	Comprehension Score in Noncontingent Control Condition (0-14)
Comp_C_Percent	Comprehension Score in Control Condition as Percent ($x/14*100$) %
CompDiffScores	Comprehension Experimental Score (%) – Comprehension Control Score (%)
AT_Time	Search Time on Visual Search Attention Task
Z_Time	Z-Score of Search Time on Visual Search Attention Task
AT_Distractors	Accuracy on Visual Search Attention Task
Z_Distractors	Z-Score of Search Time on Visual Search Attention Task
AT_Composite	Attention Task Composite: Z-Scores of Time & Accuracy averaged together
PPVT	Standardized Scores on the Peabody Picture Vocabulary Test (Verbal Ability)
ReadingTime_E	Total reading time in the Experimental Condition Book (ms)
ReadingTime_C	Total reading time in the Control Noncontingent Condition Book (ms)
LookingTime_E	Total looking time towards the Experimental Condition Book (ms)
LookingTime_C	Total looking time towards the Control Noncontingent Condition Book (ms)
Engagement_E	Percentage of looking time/reading time in the Experimental Book Condition
Engagement_C	Percentage of looking time/reading time in the Control Book Condition
AwayTime_E	Total looking time away from the Experimental Condition Book (ms)
AwayTime_C	Total looking time away from the Control Noncontingent Condition Book (ms)
ReaderTime_E	Total looking time towards Reader in the Experimental Condition Book (ms)
ReaderTime_C	Total looking time towards Reader in the Control Condition Book
AwayFrequency_E	Total fixations away from the Experimental Condition Book
AwayFrequency_C	Total fixations away from the Control Condition Book
TowardsFrequency_E	Total fixations towards the Experimental Condition Book after first look
TowardsFrequency_C	Total fixations towards the Control Condition Book after first look
ReaderFrequency_E	Total fixations towards Reader in the Experimental Condition Book
ReaderFrequency_C	Total fixations towards Reader in the Control Condition Book
AgePPVT	Age*VerbalAbility
AgeAttention	Age*Distractibility
AttentionPPVT	Distractibility*VerbalAbility

Note: PPVT and Engagement data are available only for Experiments 1 & 2.